

BADER, Jerzy; BALCERZAK, Andrzej; ZIELINSKI, Jerzy Janusz

Corona losses in high-tension lines with small-diameter conductors.
Rospr elektrotechn 9 no.1/2:165-202 '69.

1. Instytut Elektrotechniki, Zaklad Wysokich Napięć, Warszawa.

ZIELINSKI, Jerzy Janusz, mgr inz.

Production of long-lasting impulse voltages. Inst elektrotech
prace 11 no. 36: 59-84 '63.

1. Zaklad Wysokich Napięć, Instytut Elektrotechniki, Warszawa.

ZIELINSKI, Janusz

Results of emergency therapy by intravenous injections of reserpine
(serpasil) in certain psychotic syndromes. Polski tygod. lek. 14
no.24:1110-1113 15 June 59.

1. (Z Kliniki Chorob Psychicznych P. A. M. w Szczecinie; kierownik:
z-ca prof. dr Franciszek Piaikowski)
(RESERPINE, ther.) (MENTAL DISORDERS, ther.)

ZIELINSKI, J.

Vitrinous shales in the Central Carpathian Mountains. p. 77.
(GEOLOGIA. Vol. 10, no. 1, 1956, Krakow, Poland)

SO: Monthly List of East European Accessions(EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

RAFALOWICZ, A.; SIANOZECKA, E.; ZIELINSKI, J.

A case of serological conflict of main blood groups and of the Lewis system with myeloblastic reaction in mother and infants. Pol. tyg. lek. 17 no.32:1268-1270 6 Ag '62.

1. Z Oddzialu Polozniczo-Ginekologicznego; kierownik: prof. dr M. Bulska i z Oddzialu Chorob Wewnetrznych; kierownik: prof. dr B. Jochweds — Instytutu Gruzlicy; dyrektor: prof. dr W. Jaroszewicz.
(ERYTHROBLASTOSIS FETAL) (ANTIBODIES)

ZIELINSKI, Janusz, mgr inż.

Conference on observations on the artificial earth satellites.
Problemy 18 no.12:895 '62.

ZIELINSKI, Jerzy
POLAND

Zofia WOZNIAKOWSKA, Felicja PIENKOWSKA, Kazimierz ADAMKIEWICZ and Jerzy
ZIELINSKI, Oncology Institute (Instytut Onkologii) Director (dyrektor)
Dr Jeremy SWIECKI, Gliwice.

"Treatment with Radium and X-Rays of Patients with Third Stage of
Uterine Cervical Cancer and Upper Urinary Stasis (Based on Observations
at the Institute of Oncology 1937-1959.)"

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 45, 3 Nov 1962, pp
1748-1754.

Abstract (English summary modified): Data in 54 patients; urinary
stasis appeared in 12 of these during radiation treatment. On the
other hand, in some patients in whom tumor growth had compressed the
ureters to cause upper stasis, positive results of radiation
treatment were accompanied by an improvement of the urinary symptoms
also. Eight rentgenograms; 3 Polish and 12 Western references.

1/1

ZIELINSKI, Janusz

Scientific Conference on Utilization of Artificial Satellites
in Geodesy. Geod i kart 12 no.2 163 163.

ZIELINSKI, Janusz, mgr inz.

A conference on observation services of artificial earth
satellites and their utilization in geodesy. Przegl geod
35 no.1:36-37 Ja '63.

ZIELINSKI, Jerzy

Ayurvedism, the Eastern sister of our medicine. Problemy 18
no.7:507-512 '62.

ZIELINSKI, Jerzy

Uretero-uterine fistula. Ginek. pol. 33 no.6:853-855 '62.

1. Z Oddzialu Urologicznego Miejskiego Szpitala Specjalistycznego Nr

2 w Katowicach Ordynator: dr J. Zielinski.

(UTERUS)

(URETER) (FISTULA)

ZIELINSKI, Jerzy Janusz

Survey of the work of Study Committee No.15 of the International Conference of Large Electric Systems (Coordination of Insulation) in the years 1960-1962. Przegl elekrotech 38 no.10:433-436 0 '62.

ZIELINSKI, Jozef Jakub, mgr. inz.

Main research problems of reservoirs of carbonate found in fissures. Prace inst naft no.84tl-10 '63.

ZIELINSKI, J.

Recent developments in the field of biological purification of kraft mill waste.
(Conclusion) p.232

(PRZEGLAD PAPIERNICZY, Vol. 12, No. 8, Aug. 1956, Lodz, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

CICHOWICZ, Ludoslaw; ZIELINSKI, Janusz

Problem of position observations of artificial satellites of the earth and of determining the coordinates of subsatellite geographic points. Geod i kart 9 no.3/4:159-196 '60.

1. Katedra Astronomii Geodezyjnej, Politechnika, Warszawa.

ZIELINSKI, Jerzy

Calculation of short circuit currents in alternating current
four wire-ground (CPZ) system by symmetric group components.
Elektryka Lodz no.3:67-89 '58.

1. Institute of Technology, Department of High Tension, Lodz.

ZIELINSKI, Jerzy, mgr inz.

Statue on protection of waters against pollution and the
pulp and paper industry. Przegl papier 19 no.1:1-3 Ja
'63.

ZIELINSKI, J.

Input impedance of a wired radio line. p. 130

(PRZEGLAD TELEKOMUNIKACYJNY. Vol. 30, No. 5, May 1957, Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

ZIELINSKI, J. and J. JACZEWSKI.

Breakdown caused by storm in Polish high-voltage electric networks. Pt.2. p.225.
(ENERGETYKA. Vol. 10, no. 5, Sept./Oct. 1956)

SO: Monthly List of East European Accessions (EEAL)LC, Vol. 6, no. 7, July 1957. Uncl.

ZIELINSKI, J.

Continued

32

1. "Determination of the Global Artificial Radioactivity Rate in the Series of Younger Animals in 1959 and 1960." Marcin ZIELINSKI or the Chair, Faculty of Animal Products (Katedra Higieny Produktow Zwierzących) of the Faculty of Veterinary Sciences at Szkoła Rolnicza at Warsaw (Director: Prof. Dr. Jan HUTI) pp 212-213 (English summary).

2. "The Polish Portable Trichoscope 'N. Tr.' for Field Work." Wojciech MATYSIAK; p 216.

3. "Selected Problems of Diseases of Calves." Janusz WILKOWSKI; pp 216-219.

4. "A Case of Parvovirus Disease in a Cow in the Northern March of Prussia." Jan SZCZERBOWICZ pp 219-220.

5. "Two Cases of Cervine Congenital Worms." Janusz CZELEBA, MUDR. SCIENT. DR. PRYMIEROWICZ, Janusz LEMAL and Janusz KERZEWSKI, State Animal Hospital at Mieleszyn p 220.

6. "Mammary Cyst in a Dog." Prymierz LUDWIK and Bolesław MICHAIŁAK of the Chair of Surgery, Faculty of Veterinary Sciences at Warsaw (Chairman: Prof. Dr. Stefan Górecki) pp 221-222.

7. "Transmission in Pigs." Franciszek GŁĘBICHTOWSKI pp 222-227.

8. "Effect of Sennet on the Seminal Organs of Female Rabbits." Janusz GŁĘBICHTOWSKI, T. ALEXANDROVSKA, Z. OŁDAKI, K. KUDŁAK, J. KUDŁAK, J. KUDŁAK, K. SŁĘZAKA, T. WILKOSZ and J. ZIELINSKI, students of the Faculty of Veterinary Medicine and Members of the Scientific Group (Koło Naukowe) under the Chair of Obstetrics (Katedra Położnictwa) of the WNR at Wroclaw (Director: Prof. Dr. A. SĘKIEŁ) pp 227-229.

9. "Attempts to Feed Horses w/ m. Sarcopticus." Zbigniew HĘDŁASZ; pp 229-232.

ZIELINSKI, Janusz

Case of traumatic rupture of the spleen with simultaneous rupture
of the renal peduncle. Polski tygod. lek. 9 no.36:1172-1173 6
Sept 54.

1. Z II Oddz. Chirurgicznego Szpitala Miejskiego Nr 3 w Chorzowie,
ordinator dr med. Antoni Paprotny.

(SPLEEN, rupture,

with renal peduncle rupt.)

(KIDNEYS, wounds and injuries,

renal peduncle rupt. with spleen rupt.)

(WOUNDS AND INJURIES,

kidney peduncle rupt. with spleen rupt.)

ZIELINSKI, Jerzy

Case of male pseudohermaphroditism of a special type. Polski tygod.
lek. 9 no.28:885-888 12 July 54.

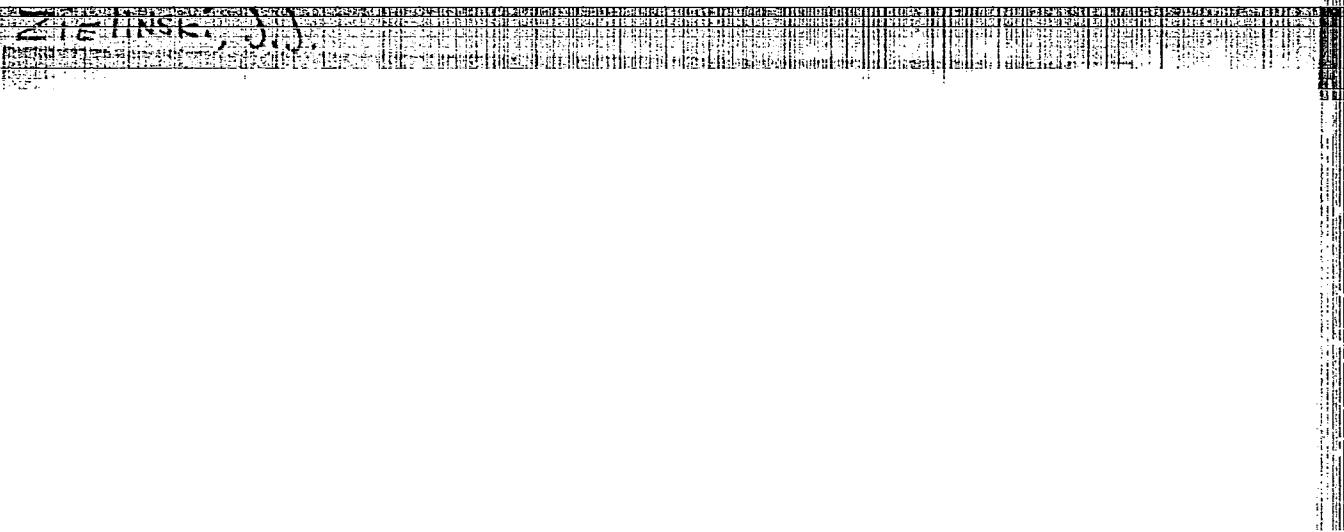
1. Z Oddzialu Urologicznego Szpitala Miejskiego Nr 2 w Stalino-
grodzie; ordynator dr Antoni Szczera.

(HERMAPHRODITISM,

male, with normal testes & vulva, female secondary sex
characteristics & absence of internal sexual organs)

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CIA-RDP86-00513R002065110014-1



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CIA-RDP86-00513R002065110014-1"

ZIELINSKI, Jerry

Chem Ab v48
1-25-54

Cellulose & Paper

✓ Chemistry of the causticizing process. Jerry Zielinski

Przegl^d Papierowni 8, 168-71 (1950); cf. C.R. 47, 29341. — Chem. reactions occurring during the causticizing and variables affecting its course, such as temp., concn., and compn. of the liquor, excess and char. purity of CaO , and method of reburning and slaking lime sludge are discussed.

T. R. Zeaten

8-31-54
JJP

ZIELINSKI, J. J.

Journal of the Institute of Petroleum
Vol. 40 No. 362
Feb. 1954
Oilfield Exploration and Exploitation

145. Method of estimating reserves of crude oil and natural gas. J. J. Zielinski. *Najta (Krakow)*, 1953, 8, 67-69. There are 2 basic types of methods: static and dynamic, the first giving total reserves, whilst second given the available reserves. Since calculation of volume, involves permeability, porosity and saturation of sands, the first method gives uncertain results. Dynamic methods are: "production curves" method, "diminishing returns" method, "infinite number of boreholes extrapolation" method, 2 other graphical methods, and "material balance" method. During 1948-49 the Petroleum and Natural Gas Department of Main Institute of Geology calculated Polish reserves using dynamic method of average production and classifying deposits according to Soviet usage as (A1) certain; (A2) known; (B) discovered; (C1) suspected, and (C2) possible. Tables give total tonnage produced up to 1947, average production from one area, and total reserves balance sheet.

M. S.

5/13
99

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ZIELINSKI, J.

"A New Fish Box for Crayfish." P. 16, (GOSPODARKA RYBNA, Vol. 5, No. 12, Dec. 1953. Warszawa, Poland.)

SO: Monthly List of East European Acquisitions, (EEAL), LC, Vol. 3, No. 12, Dec. 1954, Uncl.

ZIELINSKI, J.

Rectifier for steel sheets. p. 228

PRZEGIAD SPAWALNICIWA vol. 7, no. 10, Oct. 1955

Poland

so. EAST EUROPEAN ACCESSIONS LIST vol. 5, no. 10 Oct. 1956

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CIA-RDP86-00513R002065110014-1"

ZIELINSKI, JERZY

Poland/Chemical Technology - Chemical Products and Their Application. Silicates.
Glass. Ceramics. Binders, I-9

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 62371

Author: Cwick, Zdzislaw; Zielinski, Jerzy

Institution: None

Title: Cement Suspensions for Filling of Cable Ducts in Prestressed Articles

Original
Periodical: Emulsje cementowe do wypełniania przewodów kablowych, Inz-ja i
budown., 1955, 12, No 10, 323-327, No 11, 354-356; Polish

Abstract: To ensure frost-resistance of reinforced concrete constructions it
is recommended to use for the filling of cable ducts, suspensions
showing least separation of water and rapidly setting. Strength of
cable-and-concrete bridge structures depends on choice of a frost-
resistant cement suspension for filling the cable ducts. A nomo-
graph has been prepared for determining the degree of frost-
resistance of a suspension.

Card 1/1

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ZIELINSKI, Jerzy

Hermetic suture of the bladder. Polski przegl. chir. 35 no.2:
117-120 '63.

1. Z II Kliniki Chirurgicznej Sl. AM w Zabrze Kierownik: prof. dr
J. Gasinski i z Oddz. Urol. Szpitala Miejskiego nr 2. w Katowicach
Ordynator: dr J. Zielinski.

(BLADDER) (SUTURE TECHNICS)

(BLADDER NEOPLASMS) (URINARY CALCULI)

(URETER) (PROSTATIC NEOPLASMS)

(PROSTATIC HYPERTROPHY) (SURGERY OPERATIVE)

RAFALOWICZ, A.; ZIELINSKI, J.

Apropos of atypical forms of the W.P.W. syndrome. Kardiol.
pol. 6 no.3:193-199 '63.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzdicy w
Warszawie. Kierownik: prof. dr B. Jochweda.
(WOLFF-PARKINSON-WHITE SYNDROME)
(ELECTROCARDIOGRAPHY)

ZIELINSKI, Janusz

Investigation of the figure of the earth by the satellite method;
results and comparisons with the classical methods. Przegl geod
35 no.11:478-486 N '61.

RAFALOWICZ, A.; ZIELINSKI, J.

The accordion sign in the W.P.W. syndrome. Kardiol. pol. 6
no.3:201-203 '63.

1. Z Oddzialu Chorob Wewnetrznych Instytutu Gruzdicy w
Warszawie Kierownik: prof. dr B. Jochweda.
(WOLFT-PARKINSON-WHITE SYNDROME)
(ELECTROCARDIOGRAPHY)

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APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110014-1"

ZIELINSKI, Jersy

Treatment of congenital inversion of the bladder in women.
Polski przegl. chir. 28 no.11:1177-1180 Nov 56.

1. Z II Kliniki Chirurgicznej Slaskiej A.M. w Zabrze
Kierownik: prof. dr. J. Gasinski. Stalinogrod, ul. Kosciuszki
42, m. 10.

(BLADDER, abnorm.
inversion in girl, surg. (Pol))

ZIELINSKI, Jerzy

Urolithiasis in Poland. Urol.polska 8:118-126 1954.

1. Na podstawie ankiet z 21 oddzialow i klinik urologicznych
1.chirurgicznych.
(URINARY TRACT, calculi,
in Poland)
(CALCULI,
urinary, in Poland)

4214

624.029 : 0001.9112 a

Kluz T., Cwiok Z., Ziehlski J. The First Prestressed Concrete Bridges in Poland.

„Pierwsze konstrukcje z betonu sprężonego w budownictwie mostowym w Polsce”. Inżynieria i Budownictwo No. 3, 1938, pp. 61-71, 33 figs., 6 tabs.

The authors describe concrete bridges poststressed, using cable anchors, by cables constructed in this country. The equipment for thinning was designed and the technique elaborated by the Warsaw Polytechnic Department of Prefabricates and Prestressed Concrete. On the basis of theoretical research conducted at the Department in 1953 and 1954, the first five slab bridges were constructed as the simplest concrete poststressed by cables bridge constructions of their span not exceeding 20 m. The characteristic features of the design are reviewed and the range of use of bridge constructions of this type is discussed. The next step was the design and construction, also at the Department, of a beam bridge. Details of construction and the savings affected in materials are described, together with the investigation of the capacity of prestressed structures to bear dynamite loads at low temperatures.

3

APPROVED FOR RELEASE: 09/19/2001 CIA-RDP86-00513R002065110014-1"

ZIELINSKI, J.

"Methods of Calculating the Decline in Production and Petroleum Resources",
p. 25, (NAFTA, Vol. 11, No. 2, Feb. 1955, Krakow, Poland)

SO: Monthly List of East European Accessions, (EHAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110014-1

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110014-1"

ZIELINSKI, Jerzy

Echinococcosis of the kidney, ureter, and bladder. Polski tygod. lek.
11 no.24:1086-1088 11 June 56.

l. z Oddzialu urologicsnego Wojewodzkiego Szpitala Specjalistycznego
w Stalinogrodzie; ordyn (do 31.1. 1955) dr Herzy Zielinski. Stalinogrod,
ul. Kosciuszki 42/1.

(ECHINOCOCCOSIS, in infant and child.
bladder, kidney & ureter (Pol))

(URINARY TRACT, diseases,
echinococcosis, vesico-reno-ureteral, in child (Pol))

ZIELINSKI, Jerzy

Essay with hyaluronidase in urology. Polski tygod. lek. 11 no.
6:254-256 6 Feb 56.

1. (Z oddzialu urologicznego Wojewodzkiego Szpitala
Specjalistycznego w Stalinogrodzie; Ordynator: do 1. IX.
1954 r. -dr. A. Szczerbo, do 31. 1. 1955 r. dr. J. Zielinski)
Stalinogrod, ul. Kosciuszki 42 m. 10.

(HYALURONIDASE,

in urol. (Pol))

(UROLOGY,

hyaluronidase in. (Pol))

ZIELINSKI

ZIELINSKI, Jerzy; SZANOWSKI, Adam

Use of uretero-ovostomy in the treatment of bilateral vesicovaginal fistulae. Ginek. pol. no.4:557-563 '62.

1. Z II Kliniki Chirurgicznej Slaskiej AM w Zabrze Kierownik: Kliniki: prof. dr. J. Gasinski Z Oddzialu Urologicznego Miejskiego Szpitala Specjalistycznego Nr 2 w Katowicach Ordynator: dr Jerzy Zielinski.

(URINARY DIVERSION)
(VESICOVAGINAL FISTULA)

ZIELINSKI, Jerzy Stanislaw

Equation of square matrix of symmetrical N-n-phase group
components and equation of inverted matrix. Elektryka Lodz
no.10:37-41 '62.

1. Department of High Tension, Technical University, Lodz.

ZIELINSKI, Jerzy Stanislaw

Three two-phase common and transformed symmetrical group components; their applications. Elektryka Lodz no.10:5-14 '62.

1. Department of High Tension, Technical University, Lodz.

ZIELINSKI, J.

"Prestressed constructions in city buildings." p. 344.
(PREZEGLAD BUDOWLANY. Vol. 26, No. 11, Nov. 1954. Warszawa, Poland)

SO: Monthly List of East European Accessions. (EEAL). LC. Vol 4, No. 4.
April 1955. Uncl.

ZIELINSKI, J.; KLUZ, T.; CWIOK, A.

"First Prestressed Concrete Construction in Bridge Building in Poland",
p. 62, (INZYNIERIA I BUDOWNICTWO, Vol. 12, No. 2, Feb. 1955, Warszawa,
Poland)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 5,
May 1955, Uncl.

3578

626.31 : 540.324 : 639.3.00

Marczek E., Zieliński J. Investigations over the Effects of Sulphite Waste Liquor on the Life of Fish.

AG

Badania nad wpływem ścieków pośwarczanych (posulfalowych) na życie ryb. Gaz. Woda : Technika Sanitarna No 12. 1954. pp. 368-371.
3 tabs.

Investigations have been conducted in the Laboratory of the Water and Canalization Research Department of the Silesian Polytechnic in Gliwice concerning the effects of sulphite waste liquor from paper pulp plants on the life of such fish as gudgeon, tench, roach and perch. It was demonstrated that sewage in dilutions of less than 1 : 10 has no deleterious effect on fish. In undiluted sewage, the fish died within periods varying between 1 h. 49 min. (gudgeon) and 33 h. (tench). Resistance of fish to sulphite waste liquor increased in the following order: gudgeon, roach, perch, tench. Sulphite lye had the effect of changing the colour markings of the fish and of clotting the mucous surface of the scales. The fish died as a result of paralysis of the respiratory organs.

(1)

ZIELINSKI, J.

Phytosterols obtained from tall oils, their properties and utilization. p. 7.
Vol 12, no. 1, Jan. 1956. PRZEGLAD PAPIERNICZY. Lodz, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

POLY-11

252

5221 02111099001 07-1968-13-024-14107
KIN S. Ziegler, The Testing of Wedge Hardness Pin Strength
by Gables

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110014-1"

ZIELINSKI, J.

3303

639.01.001.8 : 945.511.73

Methods for Removing Iron and Manganese from Drinking and Factory Waters.

Methods for removing iron and manganese from drinking and factory waters are described. The effects of iron and manganese in drinking and factory water on possible carcinogenesis are given. Various methods of removal, such as the chemical, physical and biological, are compared with the ion-exchangers method. The advantages and disadvantages of all these methods are listed, as well as the conditions in which they can be applied.

ZIELANSKI, J.

Zielinski, Z.; Zielinski, J.

"Precast Products in Prestressed Cable Constructions." p. 375 (Inżyniera I Budownictwo, Vol. 10, No. 12, Dec. 1953, Warszawa)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June, 1954, Uncl.

ZIELINSKI, J.

Good management means good work on a collective farm. p. 19. (PLON, Vol. 4, No. 7, 1953.

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954.

ZIELINSKI, Jerzy Janusz, mgr. inz.; KAZALA, Franciszek, mgr. inz.

Indicators for the evaluation of insulation properties of high-voltage
switch gear. Przegl elektrotechn 38 no.3:91-98 Nr '62.

1. Instytut Elektrotechniki, Warszawa, Zaklady Wysokich Napiec.

ZIELINSKI, J.

"Methods of removing iron and manganese from drinking and industrial water,"
Gaz, Woda I Technika Sanitarna, Warszawa, Vol 28, No 6, June 1954, p. (??).

SO: Eastern European Accessions List, Vol 3, No 11, Nov 1954, L.C.

ZIELINSKI, J.

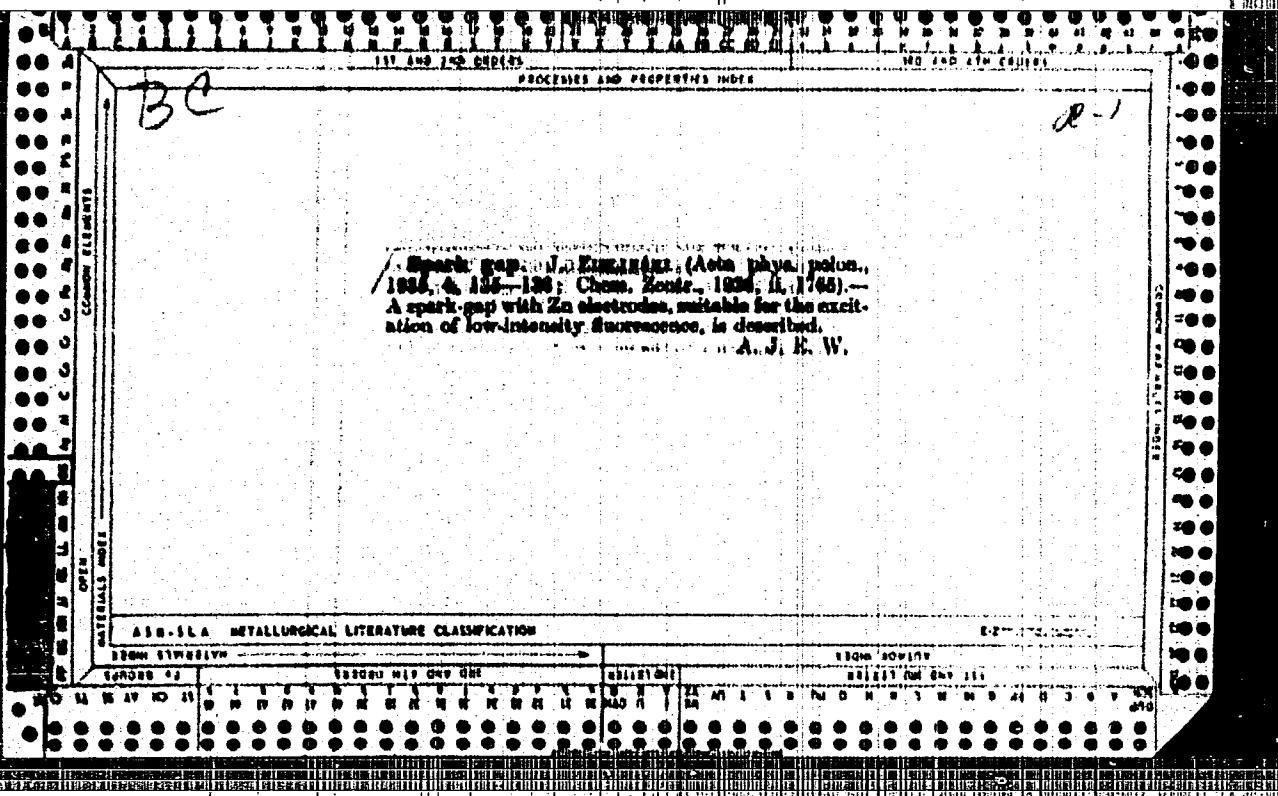
"Methods of Estimating Reserves of Crude Oil and Natural Gas." p. 57 (NAFTA, Vol. 9, No. 3, Mar. 1953) Warszawa

SO: Monthly List of East European Accessions, Library of Congress, Vol. 2, No. 10, October 1953. Unclassified.

ZIELEZIŃSKI, J.

"The reasons for erroneous indications of a magnetic compass" p. 18 (Skrzydlate Polska,
Vol. 9, no. 1, Jan 53, Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Unc1



RAFALOWICZ, Adam; ZIELINSKI, Jan; KURATOWSKA, Zofia

A case of pregnancy toxemia in the form of malignant hypertension
with hematological changes. Pol. tyg. lek. 17 no.21:840-842 21 My '62.

(PREGNANCY TOXEMIAS compl)
(PYELONEPHRITIS in pregn)
(HYPERTENSION RENAL in pregn)
(ANEMIA in pregn)

ZIELINSKI, Janusz; EYNETTEK, Aleksandra

Practical significance of the detection of phenactyl (chlorpromazine) in urine with the aid of Forrest's and Neve's reagents.
Polski tygod. Lek. 15 no.17:626-628 25 'Ap. '60.

1. z Państwowego Szpitala dla Nerwowo i Psychicznie Chorych w Lubiazu; dyrektor: dr med. Z. Truszczyński.
(CHLORPROMAZINE urine)

25456

P/029/60/000/009/001/002

A076/A126

3.2300

AUTHOR:

Zielinski, Janusz, Master of Engineering

TITLE:

Research on the gravity field of the earth with observation results
of artificial satellites

PERIODICAL:

Przeglad Geodezyjny, no. 9, 1960, 318 - 321

TEXT:

During the relatively short history of artificial satellites and space rockets they relayed considerable scientific data, among which the most significant was the photograph of the other side of the Moon. Other data concerning the gravity field of the earth, upper atmosphere and Van-Allen belts are also most important. In order to understand the flight of an artificial satellite, the first three "Kepler" laws must be understood. However, the ideal "Kepler" movement is disturbed by atmospheric friction, non-spherical shape of the Earth, the influence of other celestial bodies, i.e. Sun, Moon, etc, the influence of magnetic and electrostatic poles, satellite movements, friction through intersteller dust and relative change of perigee. The magnitude of atmospheric friction depends on satellite altitude, and between 200 - 300 km altitude this friction is greater than all other effects combined. Equatorial bulge is the second great agent influencing the satellite orbit. Investigations showed that by observing the orbit of an arti-

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25456
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A076/A126

Research on the gravity field of the earth ...

ficial satellite it is possible to determine and calculate the equatorial bulge. According to results obtained by the Theoretical Institute of Astronomy, USSR Academy of Sciences, the value of equatorial bulge is: -

$$\epsilon = \frac{1}{297.5}$$

whereas the value of: -

$$\epsilon = \frac{1}{298.2}$$

was obtained by American scientists observing satellites launched in the USA. Experimental determination of the equatorial bulge were also made by W. Baran and W. Zukowski within the scope of investigations conducted by the Katedra Astronomii Geodezyjnej Politechnika Warszawska (Department of Geodetic Astronomy, Warsaw Polytechnic). According to American scientists, i.e, J. O'Keeffe, A. Eckels and R.K. Squires (Ref. 4: - The Gravitational Field of the Earth. The Astronomical Journal 1956 F4 nr 1272), the Earth shape resembles a pear. The article describes research methods on this subject conducted by J.O'Keeffe. There are 3 figures and 6 references: 2 Soviet-bloc and 4 non-Soviet-bloc. The English references read as follows: - W. Heiskanen and F. Vening Meinesz, 1958, "The Earth and Its Gravity

Card 2/3

Research on the gravity field of the Earth...

25456

P/029/60/000/009/001/002

A076/A126

Field. H. Jeffreys, "The Earth" 1952. J. O'Keefe, A. Eckels and R. K. Squires, "Vanguard Measurements Give Pear - Shaped Component of Earth's Future", Science 1959, no. 3340, p 129.

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3,2300

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P/028/60/009/003-4/001/02
A056/A126

AUTHORS: Cichowicz, Ludosław and Zieliński, Janusz

TITLE: Observation of artificial earth satellites positions, and determination of geographic co-ordinates of subsatellite points

PERIODICAL: Geodezja i Kartografia, v. 9, no. 3 - 4, 1960, 159 - 196

TEXT: Recalling the sciences for which new developments may be obtained through the study of artificial satellites: geophysics, astronomy, biology and medicine, telecommunications, etc., the authors consider the particular case of geodesy, cartography, geodetic astronomy and navigation. Among the most important astronomical-geodetic data received through observation of those satellites, the authors quote: (1) - determination of the flattening of the ellipsoid (1/297.5 \pm 0.5 as computed in USSR - 1/298.2 in USA), (2) - Shape of the geoid and distribution of internal masses, (3) - New methods of relating the geometric centers of the ellipsoid to the center of inertia of the earth, (4) - Intercontinental connections - nautic and aerial navigation +, (5) - Accurate determination of time, (6) - Map drawing of isolated regions, by way of radiolocation measurements, and (7) - Verification of certain consequences of the theory of relativity. The au-

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thors give then a short description of the methods in use in the different stations were the observation of the satellites is presently carried out: visual, methodic and photographic observation. In Poland, since the spring of 1958, 10 stations for visual observation are operating, among which 2 carry out also photographic observation, and 1 radio observation. At the beginning of 1960, a permanent observation has started at the University of Polytechnic stations of Warsaw, Kraków, Poznań, Wrocław, the station PTMA of Danzig, the planetarium of Chorzów and the station Zegrze. The Polish service is coordinated by the International Committee for Geophysical Collaboration under the presidency of PAN, and works within the USSR net (KOSMOS). It cooperates closely with the sputnik-department of the Państwowy Instytut Hydrologiczno-Meteorologiczny (State Institute of Hydrology-Meteorology) which insure the connections between Kosmos, the International Committee and the various stations. Those general remarks are followed by an abbreviated determination of the formulas necessary to compute the orbit of an artificial satellite, its time variations and its perturbations. In the second part, the authors give a numerical example of the computation of the geographical positions and elevations above the terrestrial surface of 1958 δ 2 (head of Sputnik III). The data were given by the observatory of Zegrze (Observation of Artificial Satellites, station no 157). These data were incomplete, and the fact that the sputnik was not visible at night in Poland from its launching (15/5/58) till half-June

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Observation of artificial earth satellites positions, ... AC56/A126

and later due to bad weather - did not allow positional observations. The computations have consequently been established from the data published by "IGY World Data Center A., Rockets and Satellites, No. 6, Washington 1958". The comparison of the results obtained with the data published later show few and minor discrepancies only. There are 6 figures, 13 tables and 17 references: 13 Soviet-bloc and 4 non-Soviet-bloc. The reference to the English-language publications read as follows: (Ref. 8: IGY World Data Center A. No. 6, Washington 1958.)

ASSOCIATION: Katedra Astronomii Geodezyjnej, Politechniki Warszawskiej (Department of Geodetic Astronomy, Warsaw Polytechnic)

Card 3/3

ZIELINSKI, Jerzy Janusz

The most modern high-voltage laboratory in Great Britain.
Przegl elektrotechn 39 no.11:438-439 N '63.

ZIELINSKI, Jerzy Kazimierz, mgr inz.

Method of determining the best set of boilers and turbines
to meet the load of an electric power system. Energetyka
Pol 18 no. 2: Supplement: Biul inst energet 6 no. 1/2
6-8 F '64.

ZIELINSKI, Jerzy Kazimierz, mgr. inż.

Economic analysis of the efficiency of the electric power system
during the night low demand at peak-load workdays during the winter
season in 1962. Energetyka 16 no.4 : Suppl. : Biul Inst. Energ.:12-13

1962

1. Zaklad Systemow Energetycznych, Instytut Energetyki, Warszawa.

KLOS, Andrzej, dr. inz.; TWARDY, Lucjan, mgr.inz.; ZIELINSKI,
Jerzy Kazimierz, mgr.inz.

Principles of the selection of the optimal number of boilers
and turbines for operation during the off-peak load of the
electric power system. Pt. 2. Energetyka Pol 16 no.7:198-203
Jl '62.

ZIELINSKI, J.

CYGAN, Z.; WARONSKI, W.; ZIELINSKI, J.

Urinary lithiasis in Upper Silesia. II. Chemical composition of urinary calculi. Acta physiol. polon. 8 no.3:301-303 1957.

1. Z Zakladu Chemii Fizjologicznej Slaskiej A. M. w Rokitnicy
Kierownik: doc. dr St. Jozkiewicz. Z II Kliniki Chirurgicznej Slaskiej
A. M. w Zabrusz Kierownik: prof. dr J. Gasinski.

(URINARY TRACT, calculi,
chem. composition (Pol))

POLAND / Sanitary Microbiology. Sanitary Microbiology F-3
of Water.

Abs Jour: Ref Zhur-Biol., 1958, No 17, 76728.

Author : Marczek, Edward; Zielinski, Jerzy.

Inst : Not given.

Title : Investigations of Biological Purification of Sul-
fate Cellulose-Production Waste Water. II. Bio-
logical Investigations.

Orig Pub: Przegl. papiern., 1957, 13, No 8, 245-248.

Abstract: In waste waters of cellulose production, and in
different stages of their biological purification,
the content and composition of the microorganisms
that propagate in them were determined.

Card 1/1

23.

ZIELINSKI, A.; SOLTYSIK, S.

The effect of pretraining on the acquisition and extinction of avoidance reflex. Acta biol. exp. (Warsz.) 24 no.2:73-87. 1964.

1. Department of Neurophysiology, The Nencki Institute of Experimental Biology, Warsaw 22, Poland.

KLOS, Andrzej, dr. inz.; TWARDY, Lucjan, mgr. inz.; ZIELINSKI, Jerzy
Kazimierz, mgr. inz.

Principles of selecting the optimum number of boilers and
turbines for operation in the low-load rate of electric power
systems. Pt.1. (To be contd.). Energetyka Pol 16 no.6;
165-168 Je '62.

ZIELINSKI, Jerzy Jamusz, mgr inż.; KIERSZTYN, Stanisław, mgr inż.

Testing radioelectric disturbances caused by high voltage
installations. Przegl elektrotechn 38 no.8:352-353 Ag '62.

L 04118-67

ACC NR: AP6031780 (44) SOURCE CODE: PO/0019/66/015/002/0235/0254

AUTHOR: Zielinski, J. S.

4
B

ORG: Department of Power Engineering, High Voltage Laboratory, Lodz Polytechnic Institute (Zaklad Wysokich Napiec Katedry Elektroenergetyki Politechniki Lodzkiej)

TITLE: Calculation of wave processes in a-c power lines with corona attenuations

SOURCE: Archiwum elektrotechniki, v. 15, no. 2, 1966, 235-254

TOPIC TAGS: ac power line, travelling wave, corona attenuation, wave motion, plane wave motion

ABSTRACT: The theoretical bases for the solution of a quasi-linear hyperbolic equation of plane-wave motion in a corona line are given. The solution is made by applying the Bergeron method (a graphic interpretation of the method of characteristics). Examples of corona dumping of triangular and rectangular travelling waves in short-circuited lines and lines broken at the end are discussed. Orig. art. has: 8 figures and 10 formulas. [Translation of author's abstract]

SUB CODE: 09/ SUBM DATE: 09Jan65/ ORIG REF: 002/ SOV REF: 005/
Card 1/1 OTH REF: 001/ UDC: 621.372.2:621.3.018.73:621.3.015.53

ZIELINSKI, Jerzy, Stanislaw

Calculation of simple cases of asymmetry in alternating current power systems CPZ by the method of transformed symmetrical two-phase group components. Elektryka Lodz no.8:75-89 '61.

1. Department of High Tensions, Technical University, Lodz.

ZIELINSKI, Jozef Jakub

Professor Konstanty Tolwinski, 1876-1961. Rocznik geol Krakow
32 no.4:637-644 '62.

ZIELINSKI, Jozef Jakub

Discovery of a buried Flysch fold in the Przemysl region.
Rocznik geol Krakow 33 no.1/3:387-395 '63.

1. Petroleum Institute, Krakow.

ZIELINSKI, K.

Studies on higher nervous activity in chickens. III. The differences in conditioned excitatory and inhibitory alimentary reflexes between chickens of the Leghorn and Pervomaiskna breeds. Acta biol. exp. 22 no.1:31-42 '62.

1. Department of Neurophysiology, The Nonoki Institute of Experimental Biology, Warsaw.

(REFLEX CONDITIONED) (CENTRAL NERVOUS SYSTEM)
(POULTRY)

SOLTYSIK, S.; ZIELINSKI, K.

Conditioned inhibition of the avoidance reflex. Acta biol. exp. 22
no.3:157-167 '62.

1. Department of Neurophysiology, The Nencki Institute of Experimental
Biology, Warsaw, Poland.

(AVOIDANCE LEARNING)

ZIELINSKI, Karol, inz.

Scope and character of scientific research of the Laboratory for
Scientific-Technical Research. Gosp wodna 23 no.1:44 Ja '63.

1. Zastępca dyrektora ds spraw technicznych, Instytut Budownictwa
Wodnego, Polska Akademia Nauk, Gdańsk.

ZIELINSKI, Kazimierz, mgr inz.

Experiments in applying elements of logical bonds to contactless
drive control in industrial installations. Wiad elektrotechn
32 nc:7 196-197 J1 '64.

1. Elektromontaz, Enterprise of Electric Works, Wroclaw.

ZIELINSKI, Lucjan, mgr. inż.

Basic theoretical principles and construction of rotameters. Ciepl
masz przepł no.35:23-48 '61.

1. Katedra Cieplnych Maszyn Przepływowych, Politechnika, Łódź, Pracownia
Komor Spalania K1.

ZIELINSKI, L.

Concerning different views on some problems of forest economics. p. 61

SYLWAN (Wydział Nauk Rolniczych i Lesnych Polskiej Akademii Nauk i Polskie Towarzystwo Lesne) Warszawa, Poland. Vol. 103, no. 3, Mar 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959.
Uncl.

ZIELINSKI, L.

"How Soviet Chemists Attempt to Fulfill A Plan of Production and Reduction of Production Cost", P. 267, (CHEMIK, Vol. 7, No. 10, October 1954, Katowice, Poland)

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 4, No. 3, March 1955, Unclassified.

MEYER, Jerzy; WLAZLOWSKI, Zbigniew; ZIELINSKI, Lechoslaw

Primary plasma-cell myeloma of the cecum. Pol. arch. med. wewnet.
35 no.9:1405-1407 '65.

1. Z 7 Szpitala Marynarki Wojennej.

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110014-1

ZIELINSKI, --

L. Zielinski. "Wear and Tear of Tires of Polish Production," Motoryzacja, Aug 56.

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110014-1"

"APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110014-1

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R002065110014-1"

ZIELINSKI, L.

Industry producing ammonia in capitalist countries; technical and economic analysis of the present state and trends of development.
p/ 55. CHEMIK. (Stowarzyszenie Inżynierów i Techników Przemysłu Chemicznego) Katowice. Vol. 8, no. 2, Feb. 1955.

So. East European Accessions List. Vol. 5, no. 1, Jan. 1956

ZIELINSKI, L.

The organization of a work stand as a means to increased efficiency in work. p. 86 Vol. 8, no. 3, 1955 Katowice

CHEMIK

SOURCE: East European Accession List (EEAL) Library of Congress
Vol. 5, no. 8, August 1956

ZIELINSKI, L.

Chemical Industry in Japan. p. 320.
CHEMIK (Stowarzyszenie Inżynierów i Techników Przemysłu Chemicznego)
Vol. 8, no. 11, Nov. 1955.

POLAND

SOURCE: East European Accessions List LC Vol. 5, no. 7, August 1956.

ZIELINSKI, Lech

On the value of saplings originating from self-sown plants.
Sylwan 106 no.3:73-75 '62.

ZIELINSKI, L.

"T. Kozlowski's Zagadnienie surowcowe i zużycie materiałów w przemyśle chemicznym (The Raw Material Problem and the Consumption of Materials by the Chemical Industry); a book review."

P. (3) of cover (Chemik) Vol. 10, no. 2, Feb. 1957
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LG. Vol. 7, no. 4,
April 1958

POLAND/Chemical Technology - Chemical Products and Their
Application - Photographic Materials.

H.

Abs Jour : Ref Zhur - Khimiya, № 9, 1958, 30042

Author : Basinski, A., Tomezyk, M., Zielinski, L.

Inst : -

Title : Investigations on the Stabilization of Photographic
Developers.

Orig Pub : Roczniki Chem, 31, No 1, 165-173 (1957) (in Polish
with an English summary)

Abstract : The effect of various substances on the shelf-stability
of amyadol, pyrogallol, glycine, and metolhydroquinone
developers has been investigated by sensitometric and
by potentiometric methods. Lactic acid was found to
double the useful life of the first three of the above
developers. Amyadol is stabilized by the addition of
hydrocarbons, metol, caproic acid, and by acetone sul-
fite. Glycine can be stabilized with hydrocarbons,

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ZIFLINSKI, L.

Gas turbine as the automobile motor of the future. P. 51
MOTORYZACJA (Ministerstwo Transportu Drogowego i Lotniczego)
Warszawa Vol. 11, no. 2, Feb. 1956

SOURCE: EEAL LC Vol. 5, no. 7, July 1956

MEYER, Jerzy; ZIELINSKI, Leszek

A rare localization of accessory spleen (true accessory spleen in the region of the left kidney). Pol arch. med. wewnet. 34 no.7: 967-971 '64.

1. Z 7 Szpitala Marynarki Wojennej.

ORZECHOWSKI, Zdzislaw, doc. dr inz.; ZIELINSKI, Lucjan, mgr inz.

Comparative method of measuring the air distribution into the individual zones of gas turbine combustion chambers. Ciepl masz przeplyw no.47/48: 39-46 '63.

1. Kierownik Pracowni Spalania i Wymiany Ciepła, Katedra Cieplnych Maszyn Przepływowych, Politechnika, Łódź (for Orzechowski). 2. Starszy konstruktor, Katedra Cieplnych Maszyn Przepływowych, Politechnika, Łódź (for Zielinski).

P/522/62/000/042/002/002
D262/D308

AUTHOR: Zieliński, Lucjan, Master of Engineering

TITLE: Test bed for the investigation of low-power combustion chambers

SOURCE: Łódź. Politechnika. Katedra Cieplnych Maszyn.
Cieplne maszyny przepływowe, no. 42, 1962, 16-26

TEXT: The heat balance method and the static and dynamic pressure methods are chosen to determine the efficiency of the combustion chamber, and the test bed no. 115, designed for the Department of Heat Engines of Łódź Polytechnic, is constructed on this basis. The general description of the plant includes: general arrangement of the test bed; system of air and exhaust ducts; fuel and compressed air installations; instrumentation for measuring temperature, pressure and flow of air and fuel (for fuel flow measurements a special rotameter, designed by the Department, is employed), and for determining the temperature of exhaust gases. There are 9 figures.

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